

1004 Rec'd PCT/PTO 21 SEP 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 64201(50024) U.S. APPLICATION NO. if known (37 CFR 1.5) 10/550179
INTERNATIONAL APPLICATION NO. PCT/GB2004/001237	INTERNATIONAL FILING DATE 22 March 2004	PRIORITY DATE CLAIMED 21 March 2003
TITLE OF INVENTION DISPLAY DEVICE		
APPLICANT(S) FOR DO/EO/US Godwin Osigwe et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))		
a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
a. <input type="checkbox"/> is attached hereto.		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input checked="" type="checkbox"/> A preliminary amendment.		
14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.7) 10/550179		INTERNATIONAL APPLICATION NO. PCT/GB2004/001237		ATTORNEY'S DOCKET NUMBER 64201(50024)	
20. <input checked="" type="checkbox"/> Other items or information: A copy of the PCT Request (Form PCT/RO/101) together with a copy of the International Application as filed; A copy of International Publication No.: WO 2004/084166 A2, published on 30 September 2004; A copy of the Written Opinion of the International Searching Authority (Form PCT/ISA/237); Certificate of Express Mail; and Return Postcard.					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$ 500.00	
TOTAL OF 21, 22 and 23 =				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	30 - 20 =	10	x 50.00	500.00	
Independent claims	6 - 3 =	3	x 200.00	600.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+		
TOTAL OF ABOVE CALCULATIONS =				\$ 2,230.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				1,115.00	
SUBTOTAL =				\$ 1,115.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 1,115.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1,115.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

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10/550179

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 04-1105 in the amount of \$ 1,115.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit
Account No. 04-1105. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card Information
should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be
filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

George N. Chaclas
EDWARDS & ANGELL, LLP
P.O. Box 55874
Boston, Massachusetts 02205
(401) 276-6653

CUSTOMER NUMBER: 21874


SIGNATURE

George N. Chaclas
NAME

46,608
REGISTRATION NUMBER

J004 Rec'd PCT/PTO 21 SEP 2005

EV438976241US

10/550179

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 64201(50024)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. **EV438976241US** in an envelope addressed to:

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on September 21, 2005
Date

Signature

Donna R. Davis

Typed or printed name of person signing Certificate

Registration Number, if applicable

(401) 276-6633
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Transmittal Letter to the United States Designated-Elected Office *in duplicate* (6 pages);
2. Fee Transmittal (1 page);
3. Application Data Sheet (2 pages);
4. A copy of the PCT Request (Form PCT/RO/101) (4 pages), together with a copy of the International Application as filed (29 pages);
5. A copy of International Publication No.: WO 2004/084166 A2, published on 30 September 2004;
6. A copy of the Written Opinion of the International Searching Authority (Form PCT/ISA/237) (11 pages);
7. Preliminary Amendment (7 pages);
8. This Certificate of Express Mail;
9. Return Postcard.

Charge \$1,115.00 to deposit account 04-1105

JC17 Rec'd PCT/PTO 21 SEP 2005

PTO/SB/17 (10-04v2)
Approved for use through 7/31/2006. OMB 0651-0032
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FEE TRANSMITTAL for FY 2005 <i>Effective 10/01/2004. Patent fees are subject to annual revision.</i>		<i>Complete if Known</i> 10/550179	
		Application Number	Not Yet Assigned
		Filing Date	September 21, 2005
		First Named Inventor	Godwin Osigwe
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	64201(50024)
TOTAL AMOUNT OF PAYMENT (\$) 1,115.00			

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)			
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-1105 Deposit Account Name: Edwards & Angell, LLP				3. ADDITIONAL FEES			
The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.							
1. BASIC FILING FEE							
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid		
1001	2001	790	395	Utility filing fee			
1002	2002	350	175	Design filing fee			
1003	2003	550	275	Plant filing fee			
1004	2004	790	395	Reissue filing fee			
1005	2005	160	80	Provisional filing fee			
SUBTOTAL (1) (\$)							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE							
Total Claims	30	-20** =	10	Extra Claims	Fee from below	Fee Paid	
Independent Claims	6	-3** =	3				
Multiple Dependent							
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid		
1202	2202	18	9	Claims in excess of 20			
1201	2201	88	44	Independent claims in excess of 3			
1203	2203	300	150	Multiple dependent claim, if not paid			
1204	2204	88	44	** Reissue independent claims over original patent			
1205	2205	18	9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)							
**or number previously paid, if greater; For Reissues, see above							
				Large Entity Small Entity Fee Code Fee (\$) 1051 130 2051 65 Surcharge - late filing fee or oath 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet 1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 1252 430 2252 215 Extension for reply within second month 1253 980 2253 490 Extension for reply within third month 1254 1,530 2254 765 Extension for reply within fourth month 1255 2,080 2255 1,040 Extension for reply within fifth month 1401 340 2401 170 Notice of Appeal 1402 340 2402 170 Filing a brief in support of an appeal 1403 300 2403 150 Request for oral hearing 1451 1,510 1451 1,510 Petition to Institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,370 2453 685 Petition to revive - unintentional 1501 1,370 2501 685 Utility issue fee (or reissue) 1502 490 2502 245 Design issue fee 1503 660 2503 330 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 790 2810 395 For each additional invention to be examined (37CFR 1.129(b)) 1801 790 2801 395 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application 2631 Basic National Stage fee 150.00 2633 National Stage Examination Fee - all other ... 100.00 2632 National Stage Search Fee - all other situations 250.00 2617 Search fee, examination fee or oath or ... 65.00 2615 National Stage claims - extra total (over twenty) 250.00 2614 National Stage claims - extra independent (over ... 300.00			
SUBTOTAL (3) (\$)							

SUBMITTED BY		(Complete (if applicable))	
Name (Print/Type)	George N. Chaclos	Registration No. (Attorney/Agent)	46,608
Signature	<i>George Chaclos</i>	Telephone	(401) 276-6653
		Date	September 21, 2005